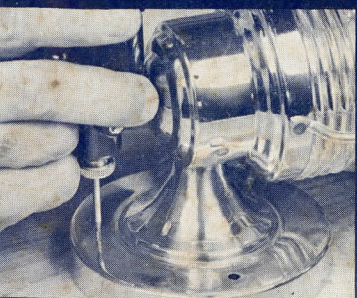
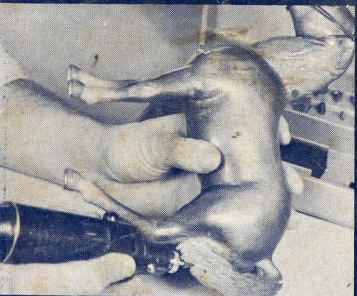


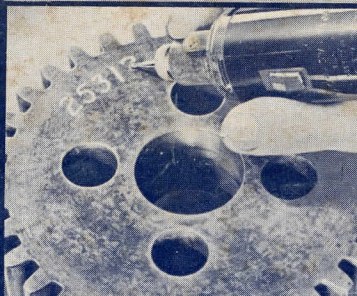
IT GRINDS



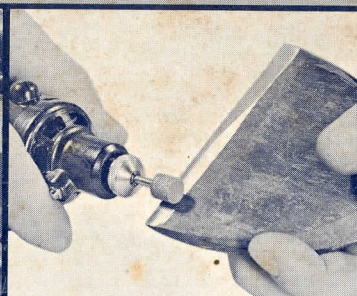
IT DRILLS



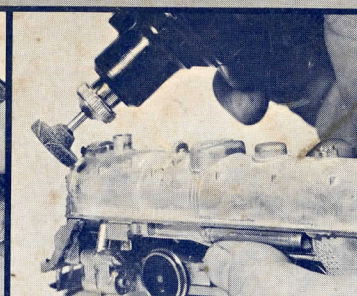
IT CARVES



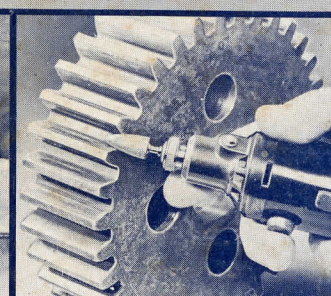
IT ENGRAVES



IT SHARPENS



IT POLISHES



IT DEBURRS

# DREMEL MOTO - TOOL

The "Pocket Size Machine Shop"

A PRECISION TOOL  
for

INDUSTRY • SCHOOLS • CRAFTSMEN • MODEL MAKERS • MECHANICS • REPAIRMEN

Booklet Price  
\$ .25





# How To Get The Most Out of Your DREMEL MOTO-TOOL

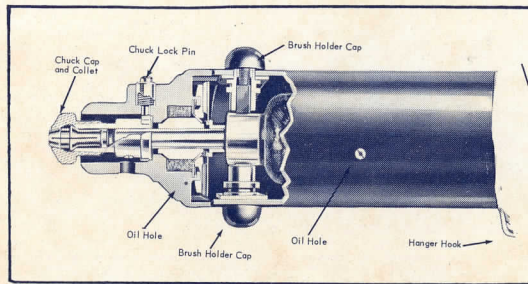
Moto-Tool is considered one of the most versatile tools ever built. When you get better acquainted with its many uses, you will find it the handiest and most frequently used tool in your workshop.

**THREE MODELS AVAILABLE** — The No. 1 Moto-Tool is designed for dental lab use, chiropractors, model builders, and light hobby work. It weighs 6 ounces and produces 25,000 RPM. The larger, more powerful No. 2 Moto-Tool is a much sturdier machine and is recommended for tool and die-makers, auto mechanics, electrical repair shops, gunsmiths, pattern makers, schools, etc., as well as the home craftsman and hobbyist. It weighs 13 ounces and produces 27,000 RPM. The No. 3 Moto-Tool is a heavy duty machine suitable for use in industry and home. Has a speed of 27,000 RPM and weighs only 18 ounces.

**OPERATION** — Hold Moto-Tool with thumb and forefinger near the chuck like you would hold a pencil. For close detail work, use the finger grip in your kit. The No. 1 Moto-Tool does not require the use of a finger grip for close detail work. The No. 2 and No. 3 Moto-Tools come complete with a detachable finger grip for detail work.

It is important to remember that speed, rather than pressure, does the work. The accessories will cut faster and smoother when using a light even pressure. Overloading and excessive pressure can stall the motor, cause overheating, and in general shorten the life of the motor. To prevent overheating, be sure to keep the filter screen, located in rear housing, free of dust.

**INSERTING ACCESSORIES** — Depress chuck lock pin and rotate chuck cap slowly until desired collet opening is reached. Insert the chosen accessory as close as possible to the end of the collet to eliminate cutter wobble. Hold chuck lock pin down and tighten chuck cap by hand. For added leverage insert any  $\frac{1}{8}$ " accessory shank into one of the holes in the chuck cap and tighten securely. To remove accessories, depress the chuck lock pin and loosen chuck cap.



**OILING** — Like all precision instruments, Moto-Tool requires a reasonable amount of care and attention. It is equipped with oilless bronze bearings, which require no oiling under average use. When used continuously the Moto-Tool should be oiled very sparingly every 30-40 hours of running time. To oil, remove the small nylon screw located in the center of the Moto-Tool housing. Place two to three drops of No. 10W oil in the hole and replace the nylon screw.

**REPLACING BRUSHES** — Inspect motor brushes occasionally and replace when worn beyond  $\frac{1}{4}$ ". To replace worn brushes, unscrew brush holder cap, lift out old brushes and brush springs. Insert new brush, making certain that the curve of the brush corresponds to that of the commutator. Excessive arcing around commutator or erratic speed of motor are warning signs of worn brushes and warrant immediate attention. If new brushes are installed, allow the machine to run one hour without a load to permit the brushes to seat properly.

**BALANCING ACCESSORIES** — For precision work, all accessories must be in perfect balance. To true up an accessory, give it and/or the collet a  $\frac{1}{4}$ " turn. Continue adjusting in this fashion until a perfect balance is achieved.

**ABRASIVE WHEELS** — Dremel emery wheels are of the highest quality abrasive available. They can be used for grinding and polishing most materials. For grinding and engraving on ceramics or glass, use silicon points Nos. 83142 — 85622. Remember, always apply the wheel to the work gently. Let the speed of the motor, do the work —

**NEVER CROWD THE TOOL.** For best results, use the 415 dressing stone frequently to clean and reshape your abrasive wheels.

**CUTTERS** — Dremel cutters made of HIGH-SPEED STEEL cut faster, give better performance, and have a much longer life than cheaper, low grade carbon steel. For use on wood, metal and plastics.

**BRISTLE BRUSHES** — Very handy for cleaning and brushing small parts.

**SANDING ACCESSORIES** — Both the sanding disc and drum sander are suitable for sanding wood, metal, and plastic materials.

**FELT WHEEL** — Use with polishing compound 421 for finishing metal and plastics.

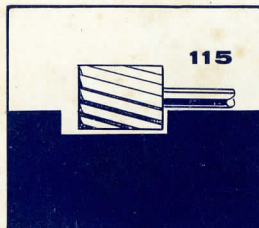
**WIRE WHEEL** — For polishing metals and rust removal.

**REPLACEMENT ACCESSORIES** — The assortment of Dremel accessories which comes with the complete Moto-Tool Kits No. 1 and No. 2 enables you to perform a wide variety of tasks. Additional and replacement accessories are available at your nearest Dremel dealer. If he cannot supply you, order direct from factory.

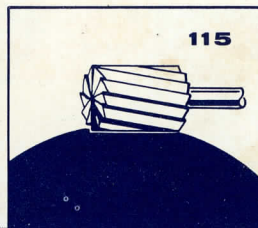
**SERVICE** — When your Moto-Tool requires servicing, do not send it to our main plant or take it to a local electrical repair shop. Moto-Tool requires precision parts and factory service knowledge — so write first for shipping instructions.



# USE OF STEEL CUTTERS . . . for . . . Grinding . . . Carving . . . Shaping . . . Finishing



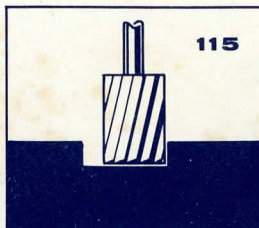
CUTTER NO. **115** IS ONE OF THE MOST POPULAR AND USEFUL CUTTERS. ABOUT SEVENTY FIVE PERCENT OF THE CARVING IS DONE WITH THIS CUTTER. ONLY A FEW OF THE USES ARE SHOWN HERE. THERE ARE HUNDREDS OF OTHER USES AND SHAPES WHICH CAN BE CARVED WITH THIS CUTTER.



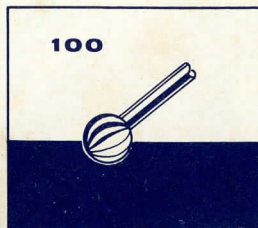
CARVE LONG FLAT AREAS WITH CUTTER NO. **115** BY HOLDING THE CUTTER FLAT AND CUTTING WITH THE STRAIGHT SIDE OF THE CUTTER. FLATTEN OFF THE TOP SURFACE OF ROUNDED AREAS OR CARVE GENTLY ROUNDED SHAPES WITH A SERIES OF LIGHT STROKES.



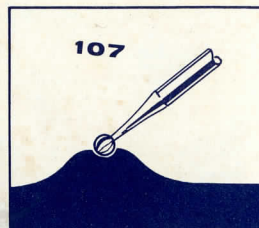
CUTTER NO. **115** CAN BE USED FOR ANY NUMBER OF V-CUTS. FOR BEST RESULTS - CARVE DEEP V-CUTS WITH A SERIES OF LIGHTER CUTS. DO NOT PRESS TOO HARD - THIS CAUSES BURNING WHEN THE CUTTER TEETH BECOME CLOGGED WITH SHAVINGS AND CHIPS.



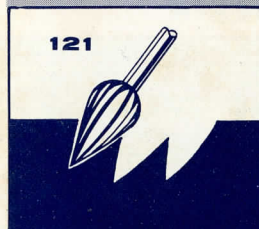
ODD SHAPED SECTIONS CAN BE CARVED TO A FLAT-BOTTOM INLETTED SHAPE BY USING THE END OF CUTTER NO. **115**. THE END OF THIS CUTTER HAS CUTTING TEETH FOR THIS PURPOSE. LIFT THE END OF THE CUTTER AFTER EACH STROKE TO CLEAR THE TEETH.



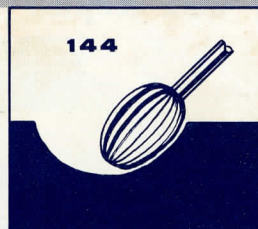
GENERALLY SPEAKING - THE LARGER CUTTERS ARE USED FOR LARGER WORK AND THE SMALLER CUTTERS ARE USED FOR SMALLER, MORE DELICATE WORK. CUTTER NO. **100** WOULD BE USED FOR LARGER WORK OR FOR ROUGH CARVING SUCH AS REMOVING EXCESS STOCK.



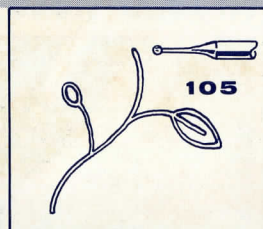
CUTTER NO. **107** WOULD THEREFORE BE USED FOR FINER, MORE DELICATE WORK. IT IS USED FOR FINER DETAIL IN RELATIVELY SMALLER AREAS. LONGER GROOVES WITH A ROUND BOTTOM SHAPE SUCH AS FOUND IN MUCH RELIEF CARVING - IS DONE WITH THIS CUTTER.



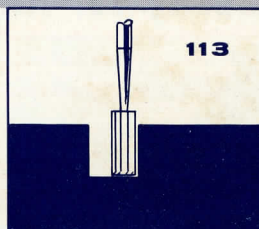
CUTTER NO. **121** IS A POINTED CUTTER AND IS USED FOR FINISHING AND FOR CUTTING VERY LIGHTLY. THE POINT ITSELF HAS NO CUTTING ACTION AND WILL BURN IF FORCED INTO WORK WHICH IS TOO HEAVY. USE A SERIES OF LIGHT STROKES.



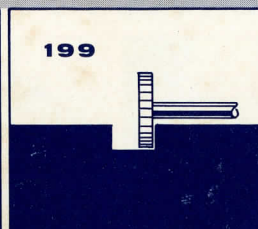
CUTTER NO. **144** IS A FAST CUTTING CUTTER AND IS USED FOR CARVING LARGE, CONCAVE SHAPES, FOR ROUGH CARVING, AND FOR CUTTING AWAY LARGER AREAS OF EXCESS STOCK IN ORDER TO GET DOWN TO THE FINISHED SHAPE OF YOUR CARVING.



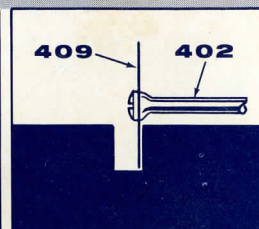
CUTTER NO. **105** IS A SMALL ROUND CUTTER AND IS USED FOR ENGRAVING OR SCRIBING. IT IS USED FOR FINE DETAIL WORK SUCH AS FINISHING LEAF CARVING IN RELIEF BY SCRIBING THE VEINS IN THEIR PROPER PLACES, ETC.



CUTTER NO. **113** IS USED FOR MUCH THE SAME WORK AS HS-115 EXCEPT THAT THIS CUTTER IS SMALLER AND THUS USED FOR FINER MORE DETAILED WORK OR SMALLER CUTS. V-GROOVES, AND INLETTED SHAPES. USE A SERIES OF LIGHT STROKES TO OBTAIN DEEPER GROOVES.



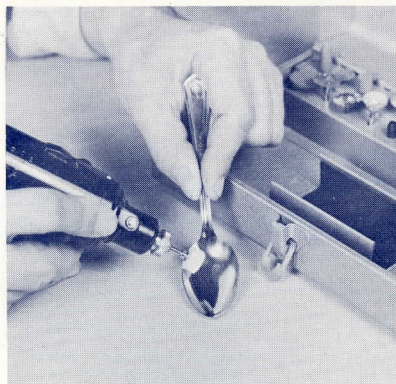
SLOTS OR GROOVES ARE CUT WITH NO. **199** THIS SAW IS 1/32" THICK. IF A WIDER SLOT OR GROOVE IS NEEDED, USE THE CUTTER TO CARVE A NUMBER OF CUTS PARALLEL TO EACH OTHER. ANGLE CUTS, DOVETAIL GROOVES, ETC., CAN ALSO BE MADE WITH THIS CUTTER.



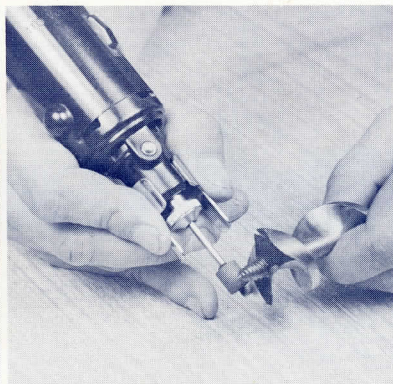
FOR DEEPER SLOTS, THE ABRASIVE CUTTING WHEEL NO. **409** IS USED. THIS CUTTING WHEEL CAN BE USED FOR CUTTING OFF SMALL RODS, THIN SHEETS, WIRES OR SMALL PIECES OF MATERIAL. THE WHEEL IS 1/64" THICK AND MOUNTS ON THE MANDREL NO. **402**



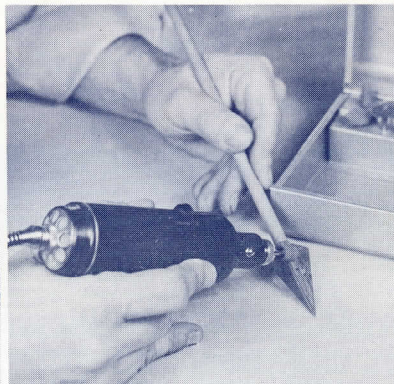
## MOTO-TOOL . . . A Multi-Purpose, "Pocket Size Machine Shop"



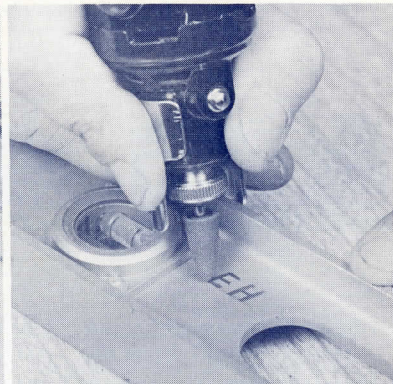
Felt polishing wheels and 421 polishing compound are used to clean and polish tarnished silverware, jewelry—other metal surfaces.



Use emery wheels for sharpening and touching up drill bits and other shop tools.

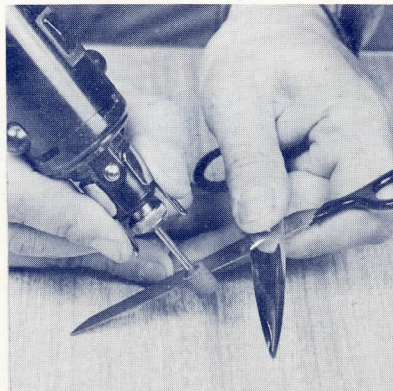


Sharpening and polishing broad head hunting arrows.



Engrave initials on tools for quick identification. Use emery wheels on metal and silicon wheels on glass and ceramics.

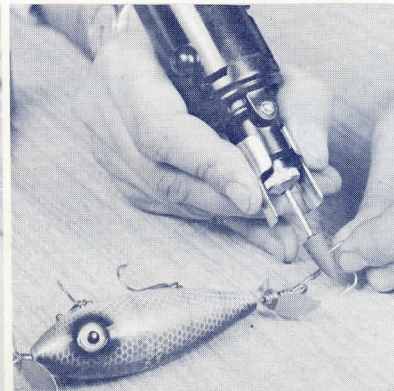
## MOTO-TOOL . . . Handy for All-Around Hobby and Repair Work



Sharpening scissors, knives, and cutting tools.



Remove rust spots—polish the blade—and sharpen your favorite hunting knife.



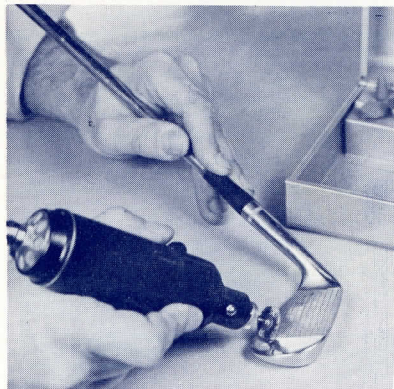
Sharpen hooks on fishing plugs. Remove rust spots and polish metal surfaces.



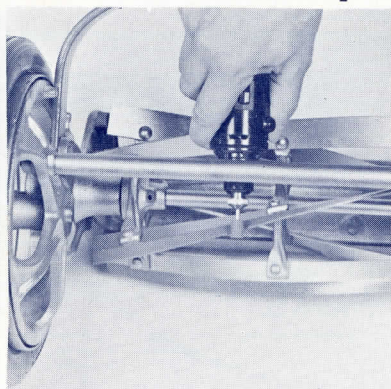
Drilling holes for mounting switches or brackets in lighting fixtures and lamps.



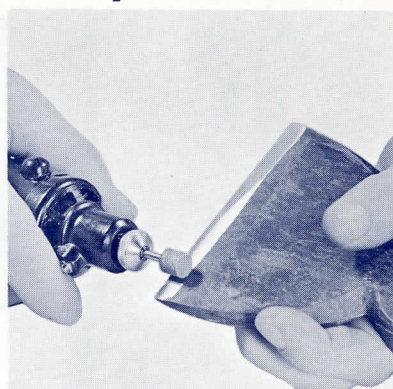
## MOTO-TOOL . . . Can Be Safely Used By All Members of the Family



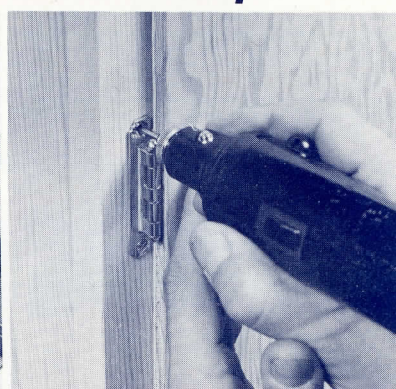
Wire brushing and polishing any metal surface. Handy for removing rust from tools, golf clubs, etc.



Sharpens all your household items, such as lawnmower blades, hoes, shovels, knives, scissors.

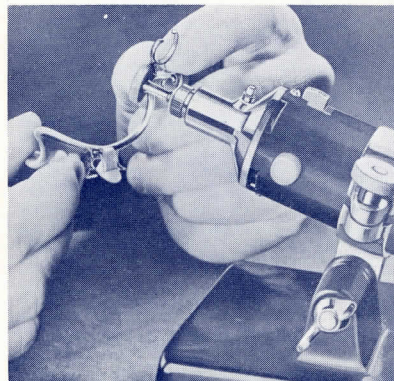


Handy for sharpening chisels, hatchets, screw-driver tips, and other shop tools.



Drilling holes for installing hinges on cabinets and other household furniture.

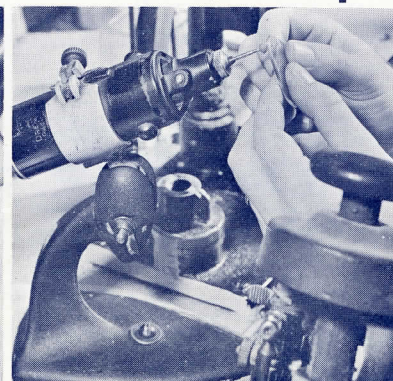
## MOTO-TOOL . . . Handy Lab Tool for Dentists, Chiropractors, Opticians



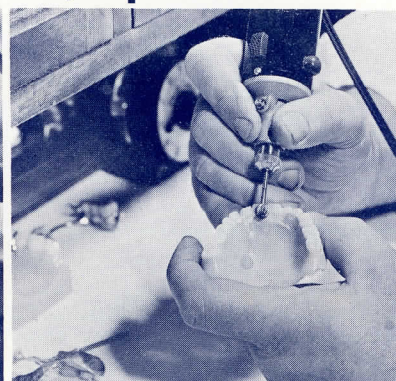
Dentists find Moto-Tool an ideal lab tool for grinding and polishing bridgework.



Chiropractors use Moto-Tool for grinding and drilling nails, smoothing corns and callouses, etc.



Optometrists find Moto-Tool handy for polishing silver, soldered joints, countersinking holes, etc.



Speeds up denture and partial adjustments. Ideal for polishing and trimming any acrylic materials.



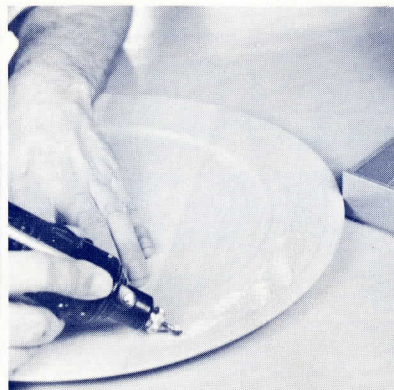
## MOTO-TOOL . . . Hundreds of Uses Around the House



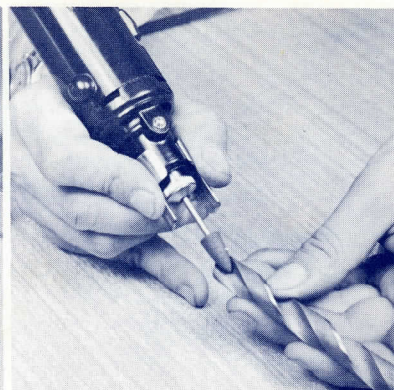
Delicate precision grinding in gunsmith work can be done accurately with Moto-Tool.



No. 2 and No. 3 Moto-Tools mounted in drill press is handy for precision routing.

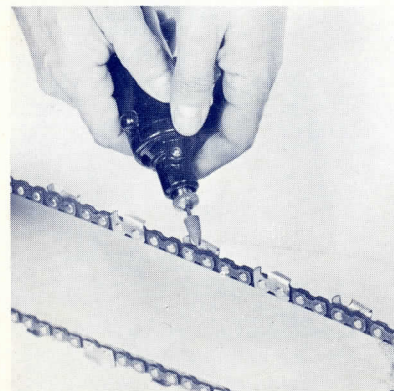


Use small engraving cutters for carving, routing, and engraving in wood and other soft materials.

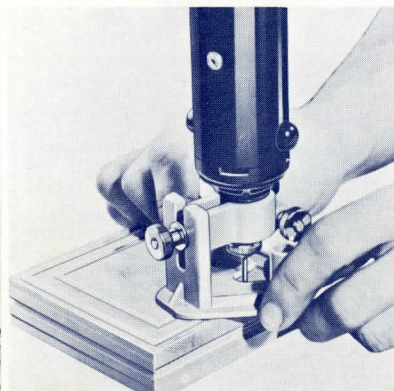


Touch-up operations on twist drills.

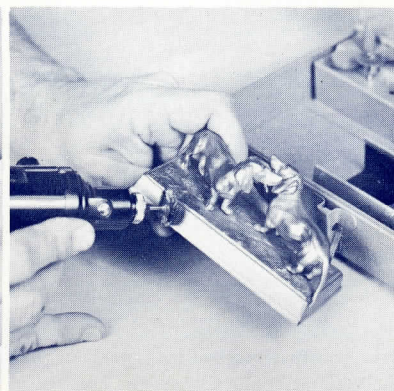
## MOTO-TOOL . . . Quickly Performs Painstaking Operations



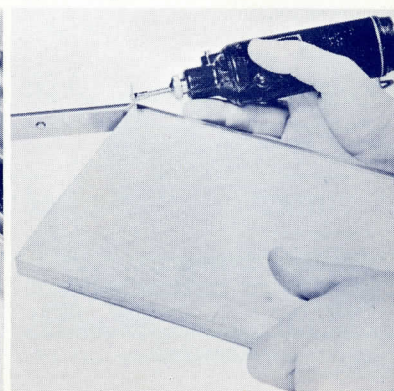
Use 932 emery wheel for touch-up operations on the cutting chains of power chain saws.



No. 2 and No. 3 Moto-Tools mounted in shaping table provides accurate control for routing and depth grinding.



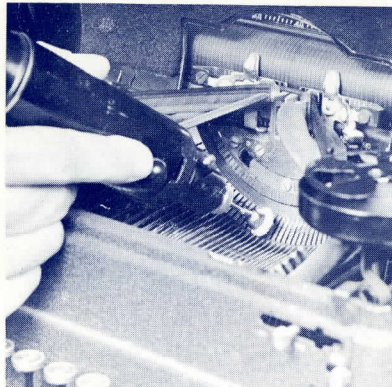
Use 428 steel brush for cleaning and polishing copper or brass ornaments.



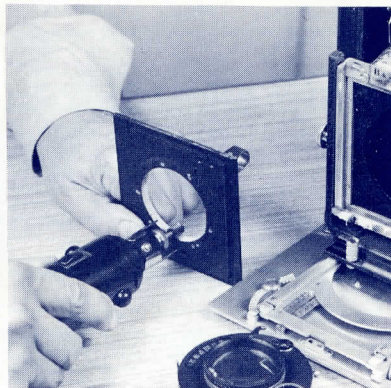
Use 409 emery wheel for slicing and cutoff operations on metal. Handy for notching moulding trim.



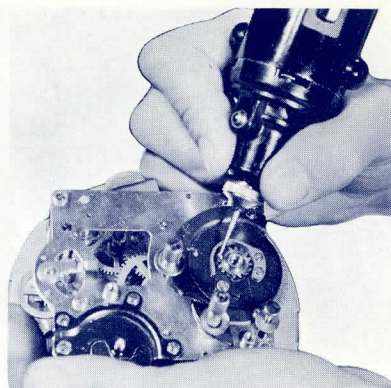
# MOTO-TOOL . . . A Big Timesaver for Repairmen



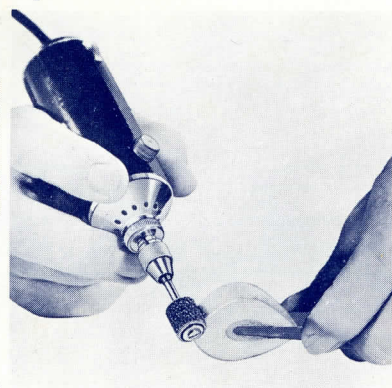
Use bristle brushes for cleaning type on typewriters. Handy for all office equipment repair work.



A handy tool for all-purpose grinding, polishing, drilling, etc., in camera repair work.

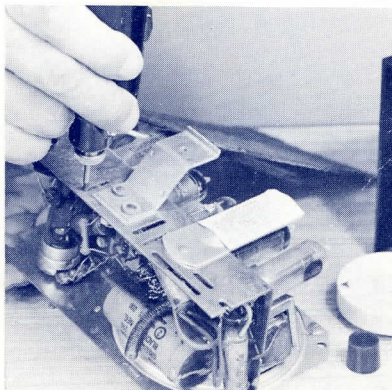


Watch and clock repairmen find Moto-Tool very useful for getting into small, hard to reach places.



Use 407 drum sander for reshaping piano hammers in piano repairing.

# MOTO-TOOL . . . Gets Into Hard To Reach Places



Grinding off rivets to remove condensers, transformers, or tube sockets in radio and TV repair.



A handy tool for grinding small parts in the locksmith repair field.



Speeds up the cleaning and repairing of small home appliances. Eliminates expensive hand work.



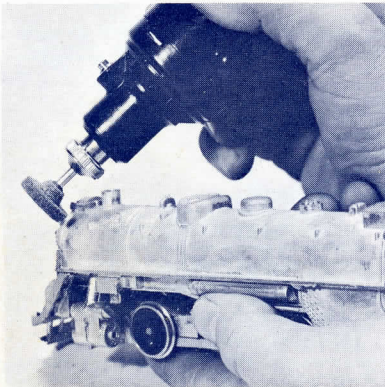
A big timesaver with automobile mechanics. Saves time consuming hand work in transmission and carburetor repair.



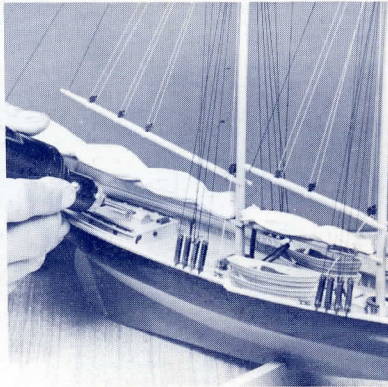
# MOTO-TOOL . . . A Must for Exacting Model Builders



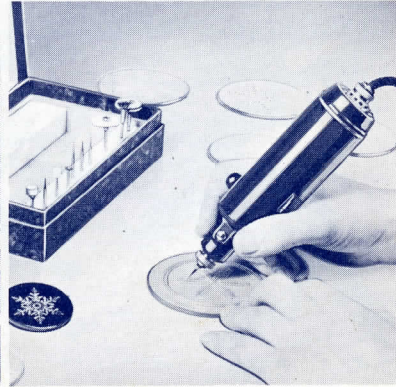
Copper enamellists use Moto-Tool for polishing, buffing, drilling, and removing fire scale.



Model railroaders find Moto-Tool saves a lot of tedious time consuming handwork.

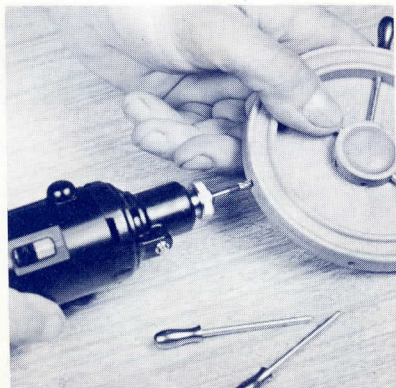


Model boat builders find Moto-Tool easy to use in hard-to-get-at places.



Delicate relief carving or engraving in wood, metal, or plastic is limited only by your imagination.

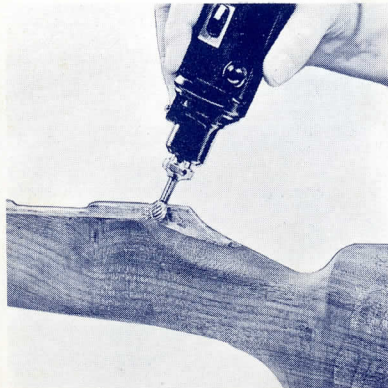
# MOTO-TOOL . . . Eliminates Time Consuming Hand-Work



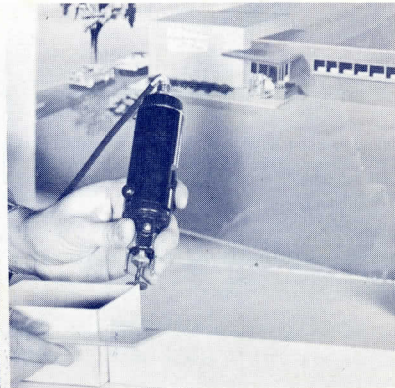
Reaming holes to accurately fit metal parts in assembling shop projects.



Clean and polish guns with bristle brushes, 428 steel brush, and felt polishing wheels.



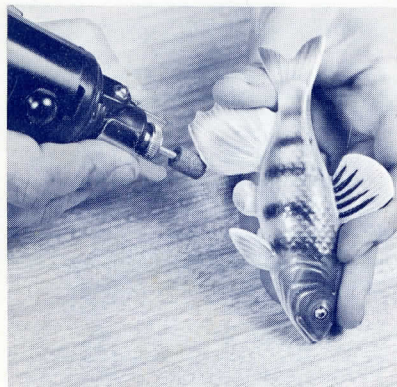
Use steel cutters for carving and shaping operations in gunstock inletting work.



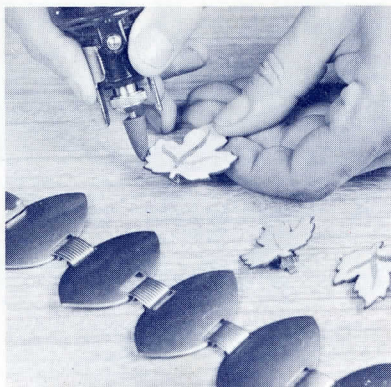
For scale model building, Moto-Tool eliminates painstaking and time consuming handwork.



# MOTO-TOOL . . . Makes Model Building Easier



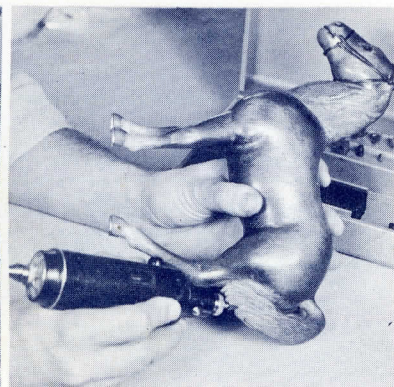
Use silicon wheel points for removing excess glaze and stilt marks from ceramics.



In jewelry making, Moto-Tool is handy for polishing, buffing, drilling, shaping parts, etc.



Polishing and shaping stones and mountings in lapidary work.



Use the steel cutters and 407 drum sander for fast accurate wood carving.

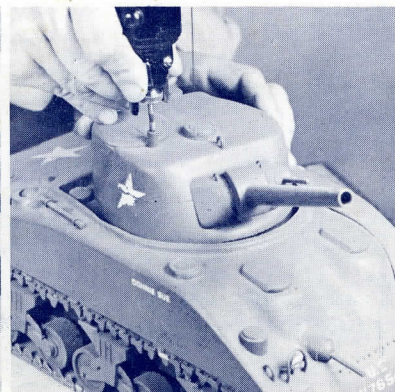
# MOTO-TOOL . . . Used By Hobbyists of All Ages



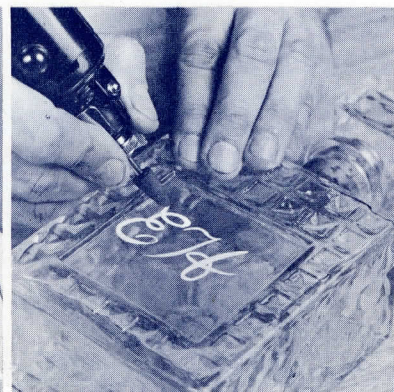
Delicate relief carving and engraving on fine gunstocks is accurately done with Moto-Tool.



Internal carving of plastics is a fascinating hobby made easy with Moto-Tool.



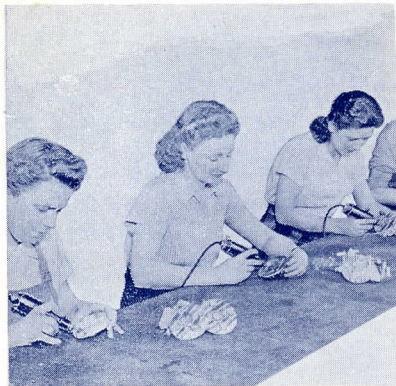
Model building of all kinds and in all types of materials is easier and faster with Moto-Tool.



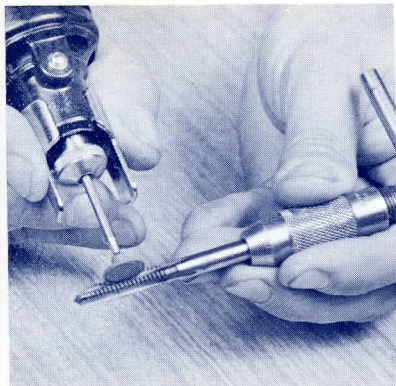
Decorative designs or monograms easily engraved on glassware with silicon grinding points.



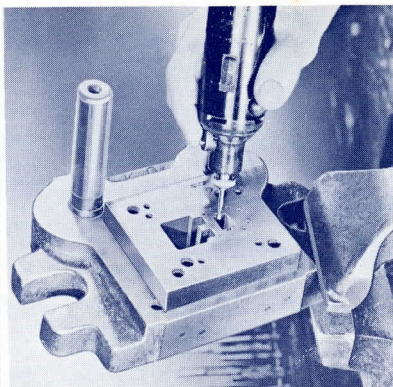
## MOTO-TOOL . . . Precision Tool for Industrial Craftsmen



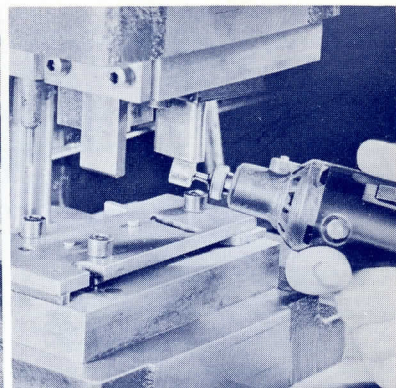
Lightweight and ease of handling highly desirable for light deburring operations.



Dress emery wheel point to correct size and sharpen thread cutting taps.

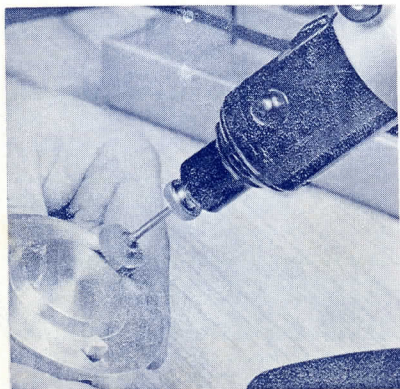


Saves time and expensive handwork when finish grinding and polishing dies or moulds.

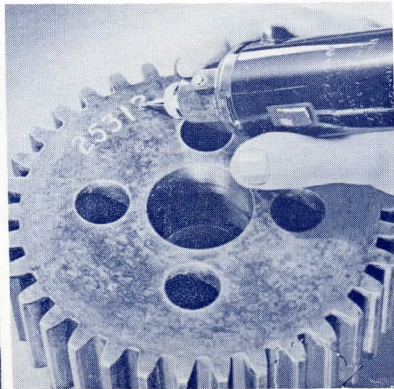


Touch-up operations on dies can be done "on the job" without tearing down setups.

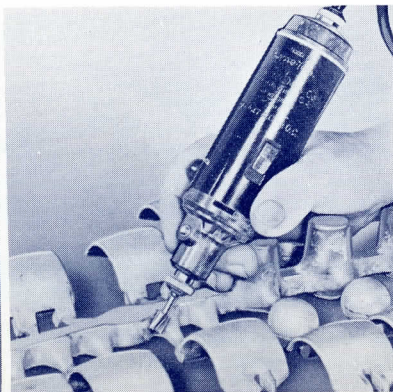
## MOTO-TOOL . . . Eliminates Time Consuming Hand Operations



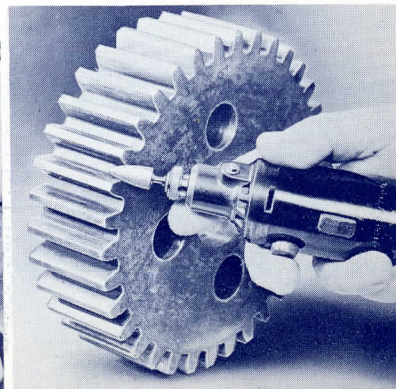
Light strokes with an emery wheel point will remove rough edges left by cutting tools.



Marking serial or identification numbers on gears, tools, or dies with fine emery wheel points.



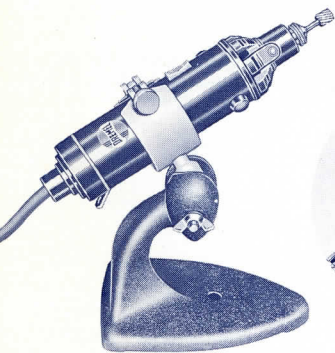
Removing mold lugs left in aluminum castings and other light metals in series.



Ideal for touch-up or deburring operations on gears and other metal parts.



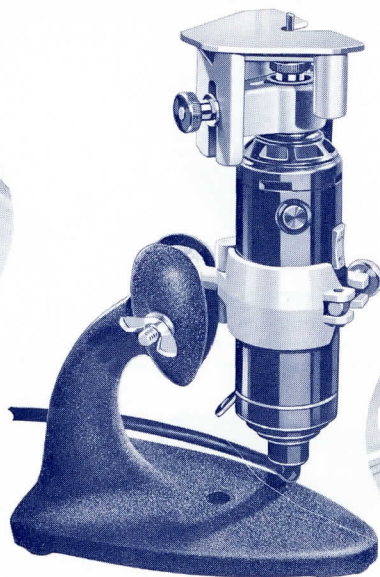
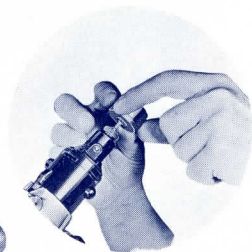
# Time Saving MOTO - TOOL ATTACHMENTS



## UNIVERSAL STAND

A practical bench accessory for the No. 2 and No. 3 Moto-Tools. Leaves both hands free for holding the work. Can be quickly adjusted to hold Moto-Tool at any angle. Has quick action clamp for receiving and releasing Moto-Tool. Heavy cast iron base will not tip.

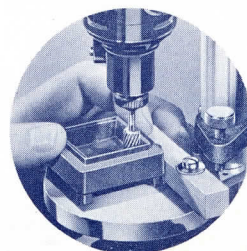
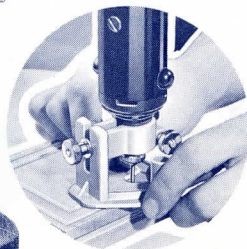
(Not available for No. 1)  
Cat. No. 223



## SHAPING TABLE

Can be mounted vertically on No. 2 and No. 3 Moto-Tools when used with Universal Stand. Or, when inverted, it provides accurate control for routing and depth grinding. Table can be raised or lowered to regulate depth of cut. (Not available for No. 1)

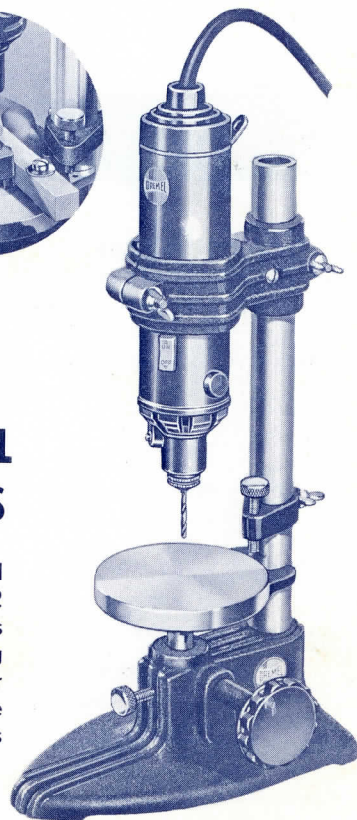
Cat. No. 224



## DRILL PRESS

A handy 12" high drill press for use with No. 2 and No. 3 Moto-Tools. It's perfect for precision drilling and routing . . . ideal for model makers. Table can be raised or lowered . . . locks in any position for accurate depth adjustment.

(Not available for No. 1)  
Cat. No. 225





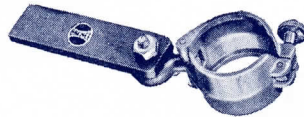
# DREMEL *Shop Tested* MOTO - TOOL ACCESSORIES



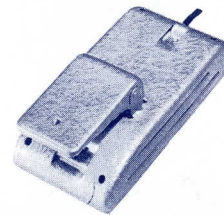
## SANDING DISCS

- 410 - Assorted Sanding Discs, Box of 525 with 5/8", 3/4" and 7/8" diameter  
411 - 100 Sanding Discs, Coarse.  
412 - 100 Sanding Discs, Medium  
413 - 100 Sanding Discs, Fine

## TOOL POST HOLDER

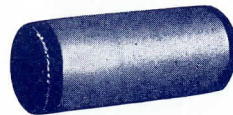


For Holding Moto-Tool Model 2 & 3 in Lathe Catalog No. 420



## RHEOSTAT

This foot Rheostat can be used with No. 1, No. 2 or No. 3 Moto-Tool—to control speed of the Moto-Tool.



421

## POLISHING COMPOUND

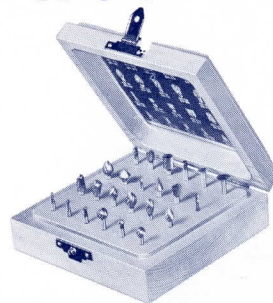
Polishing Compound is applied to buffing wheels when desired to polish metal or any kind of material. Especially efficient for polishing plastics.

## MOTOR BRUSH



No. 30529 - For Model No. 2 & 3

No. 32 - For Model No. 1

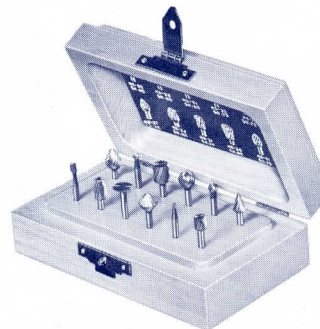


## 24 PIECE CUTTER SET

Set includes the following High Speed Steel Cutters.

100	141	192	199
114	144	193	118
121	178	194	125
124	189	196	115
131	190	197	116
134	191	198	117

Cat. No. 240

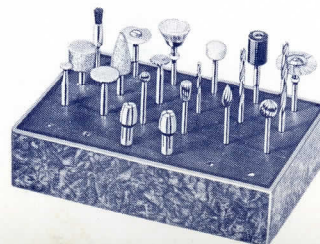


## 14 PIECE CUTTER SET

Set includes the following High Speed Steel Cutters.

114	194
124	196
178	199
189	125
191	115
192	117

Cat. No. 220

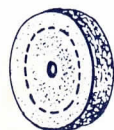


## 20 PIECE ACCESSORY SET

A practical set of popular accessories for the all-around craftsman.

- 1 collet—1/16"
- 1 collet—3/32"
- 4 HS Steel Cutters
- 4 Emery Points
- 1 Steel Saw
- 3 Bristle Brushes
- 1 Screw Mandrel
- 1 Shoulder Mandrel
- 1 Drum Sander
- 3 Twist Drills

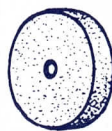
Cat. No. 202



423  
1" Dia.



422  
3/8" Dia.



414  
1/2" Dia.

429  
1" Dia.

## 423 CLOTH POLISHING WHEEL

Used for highly polishing all metals and plastic materials. Fits on 402 Mandrel.

## 422 FELT POLISHING TIP

Fits Mandrel 401. For polishing in corners and other hard-to-get at places.

## 414 1/2" DIAMETER FELT POLISHING WHEEL

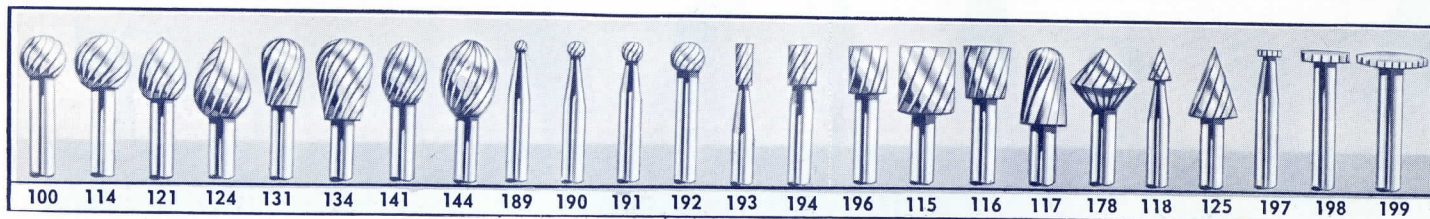
Fits Mandrel 402.

## 429 1" DIAMETER FELT POLISHING WHEEL

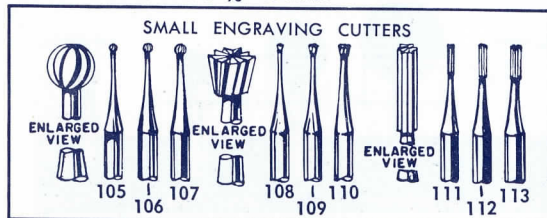
Fits Mandrel 402. Used for practically the same purpose as 423.



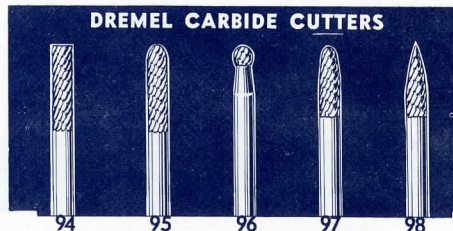
# DREMEL *Shop Tested* MOTO - TOOL ACCESSORIES



ABOVE CUTTERS HAVE  $\frac{1}{8}$ " SHANK



For carving, routing and engraving in wood, fibre, bakelite and other soft metals, everything but hardened materials. Available only with  $\frac{3}{32}$ " shanks.

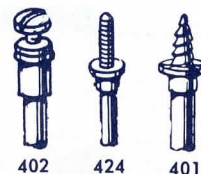


These Dremel Tungsten Carbide Cutters represent a careful selection of five of the most useful shapes and sizes for general industrial use. They perform very efficiently with Moto-Tool's torque and speed (27,000 RPM). These cutters are mounted on  $\frac{1}{8}$ " shanks and have a maximum cutting head of  $\frac{1}{8}$ ". While more costly, carbide cutters outlast high speed steel many many times, proving more economical in the long run.

## HIGH SPEED STEEL CARVING CUTTERS

For best results and complete satisfaction, insist on Dremel high speed steel cutters shown above -- not to be confused with so called "high speed cutters" made of cheap carbon steel. Dremel HSS cutters will cut tool steel, wood, metals, plastics and other materials. Dremel HSS cutters stay sharp longer and cut smoother.

(Illustrations above actual size)



## MANDRELS

401 Screw Mandrel is used with polishing accessories.  $\frac{1}{8}$ " shank.

402 Mandrels to be used, with all kinds of cutting wheels, sanding discs and polishing wheels.  $\frac{1}{8}$ " shank.

424 Screw Mandrel for use with 425 Polishing Wheel.  $\frac{1}{8}$ " shank.



## SPEED DRILL

For fast drilling in wood, soft metals, bakelite, but not adaptable for hardened surfaces. A handy drill for the model maker.  $\frac{3}{32}$ " Diameter Shank.

Size				
.035	.040	.050	.065	.080
1135	1140	1150	1165	1180

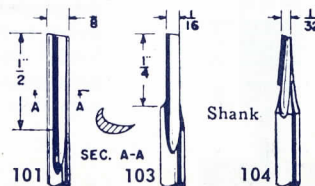
## DRILLS



Suitable for Soft Metal, Wood, and other Soft Materials. In Metal Only, Shallow Holes can be drilled.

Size				
.031	.037	.040	.046	.062
1231	1237	1240	1246	1262
.067	.078	.086	.093	.109
1267	1278	1286	1293	1209

$\frac{5}{32}$ " drill with  $\frac{1}{8}$ " shank - Catalog No. 1232

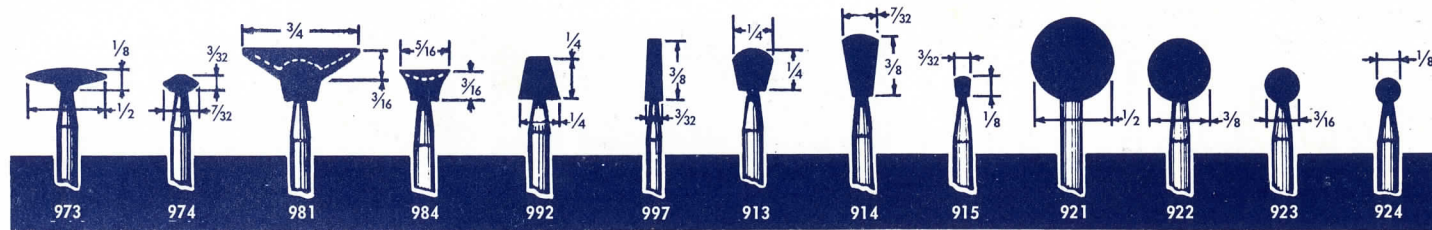
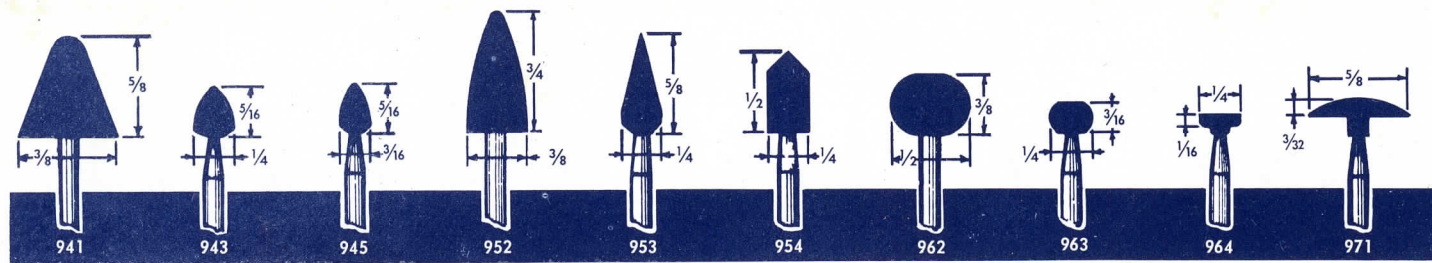


## ROUTING CUTTERS

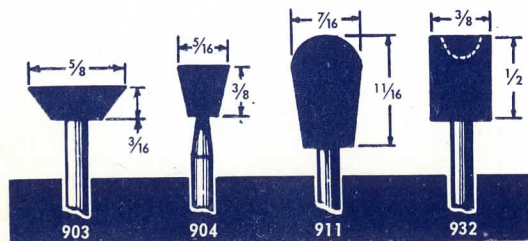
Used for routing, inlaying, mortising in all metals. With  $\frac{1}{8}$ " shank.



# DREMEL *Shop Tested* MOTO - TOOL ACCESSORIES



## DREMEL *Shop-Tested* EMERY WHEEL POINTS

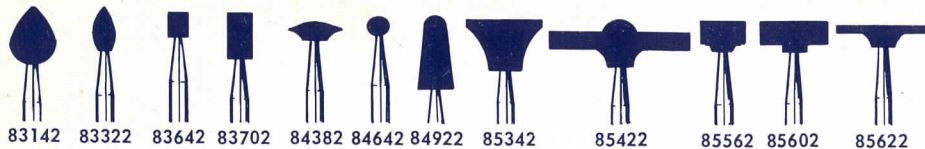


An important factor in the performance of your Dremel Moto-Tool is the use of the proper abrasive. Dremel has the highest quality selection of industrial wheel points available. There are none finer made. This uniformity of quality assures longer abrasive life and the best possible performance. War surplus and bargain prices are more expensive in the long run. For best results — there is no substitute for Dremel precision made wheel points. Mounted on  $\frac{1}{8}$ " shanks.

For best results, use Dremel SHOP TESTED WHEEL POINTS with the assurance that you are getting the finest accessories available.



# DREMEL *Shop Tested* MOTO - TOOL ACCESSORIES



Especially selected set of finest quality **SILICON** wheel points. Ideally suited for working on hard steel, writing on glass and other materials. Mounted on 3/32" shanks.

## DRESSING STONE



415

Emery Wheel Points will cut faster and smoother if dressed with the dressing stone. Size: 3/8" Square by 1" Long.

## POLISHING POINT



424

This point is impregnated with fine emery and, used with Mandrel No. 424, is suitable for polishing metals. It is 1/4" dia. and 7/8" long. It can be dressed to any desired shape with dressing stone No. 415.

## POLISHING WHEEL



425

This wheel is impregnated with fine emery and is used with Mandrel No. 402 for polishing metals. It is 7/8" diameter and 1/8" thick. Catalog No. 425

## CUTTING WHEEL

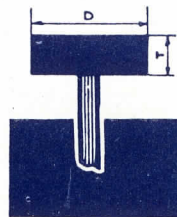


409

A handy Emery Wheel for slicing, cutting-off, and other operations.

(Packed 36 discs per package)

## PLAIN SHAPED WHEEL POINTS



Shape No.	Dia.	Thickness
8143	1/8"	1/8"
8144	1/8"	1/4"
8145	1/8"	3/8"
8146	1/8"	1/2"
8149	5/32"	1/4"

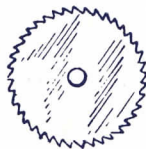
8151	3/16"	1/8"
8152	3/16"	1/4"
8153	3/16"	3/8"
8154	3/16"	1/2"
8157	1/4"	1/16"
8158	1/4"	1/8"
8159	1/4"	3/16"
8160	1/4"	1/4"
8162	1/4"	3/8"
8163	1/4"	1/2"
8173	3/8"	1/8"
8174	3/8"	1/4"
8175	3/8"	3/8"
8176	3/8"	1/2"
8181	1/2"	1/16"
8182	1/2"	1/8"
8183	1/2"	1/4"
8184	1/2"	3/8"
8191	5/8"	1/8"
8193	5/8"	3/8"
8200	3/4"	1/8"
8202	3/4"	3/8"
8215	1"	1/8"
8236	1-1/2"	1/2"



428

## STEEL BRUSH

A very handy and efficient steel brush for cleaning off rust spots, and also for wire brush finishing on aluminum and other soft materials. With 3/32" shank.



## STEEL SAW

For cutting soft materials. This saw comes in two sizes and fits on Mandrel 402

.005" thick - Cat. No. 406  
.023" thick - Cat. No. 400



403



404



405

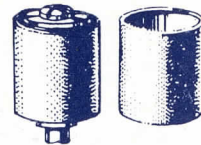
## BRISTLE BRUSHES

For cleaning and polishing silverware, jewelry and metal surfaces. Ideal for hard to reach places. With 3/32" shank.

## CHUCK COLLET



- 416 - 1/8" - will take 3/32" to 1/8" Shank.
- 417 - 3/32" - will take 1/16" to 3/32" Shank.
- 418 - 1/16" - will take 1/64" to 1/16" Shank.
- 419 - Adaptor Chuck with 1/8" shank. For drills 60/80 use with 416 collet.



## DRUM SANDER

Complete with band. Shank 1/8" diameter. Used for smoothing metal, wood or plastic surfaces. Sander bands are replaceable. They are either 1/2" or 3/8" size.

- 1/2" dia. - Cat. No. 407
- 3/8" dia. - Cat. No. 430
- Drum Sander Bands
- 1/2" dia. Coarse grit - No. 408
- 1/2" dia. Fine grit - No. 432
- 3/8" dia. Coarse grit - No. 431
- 3/8" dia. Fine grit - No. 433

Page 14

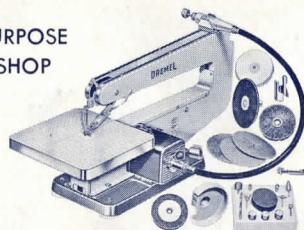


# DREMEL QUALITY ELECTRIC POWER TOOLS

for Industry • Schools • Craftsmen • Model Makers • Mechanics • Repairmen

## MULTI-PURPOSE MOTO-SHOP

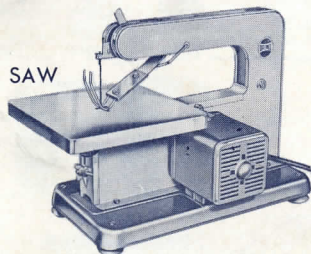
Cat.  
No. 572



- A 15" Jig Saw with ball bearing rotary motor and power takeoff. Accessories include grinding wheel and guard, buffing wheel, disc sander, wire brush wheel, and 30" flexible shaft.

## MOTO-JIG SAW

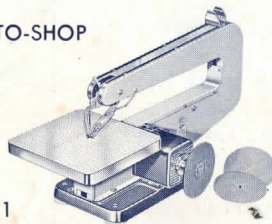
Cat.  
No. 560



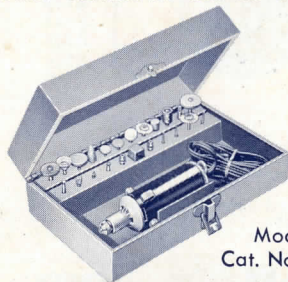
World's safest Jig Saw. Has 8" throat. Cuts wood up to 1 3/4". Complete with rotary motor and blade guard. Safe for children.

## MOTO-SHOP

Cat.  
No. 571

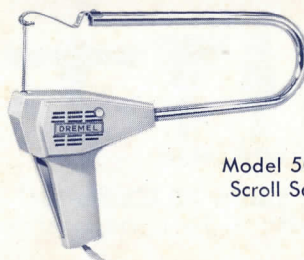


Same basic unit as No. 572. Has ball bearing motor and power takeoff. Includes only the disc sander attachment and extra sanding discs. Other accessories can be added.



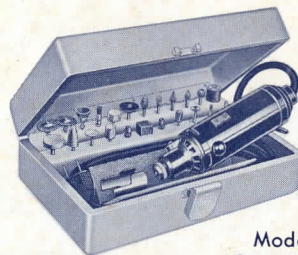
Model 1  
Cat. No. 212

Light duty tool for hobby or lab work. Moto-Tool weighs 6 oz., 25,000 RPM. Complete with steel storage case and 34 accessories.



Model 501  
Scroll Saw

New electric Scroll Saw. Powerful AC motor produces 7,200 strokes per minute. Saws wood up to 3/4".



Model 2  
Cat. No. 222

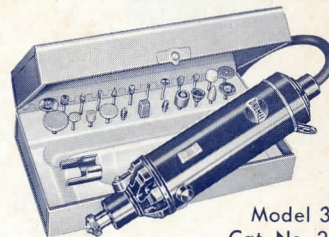
Popular all-purpose model. Moto-Tool weighs 13 oz., 27,000 RPM. Includes 23 accessories and steel storage case.

Model  
290



Electric Engraver

Permanently engraves names or identification on steel, brass, aluminum, silver, glass, wood, plastic. Calibrated stroke adjustment regulates depth of engraving, with solid carbide point and storage case.



Model 3  
Cat. No. 233

New industrial model. Moto-Tool weighs 18 oz., 27,000 RPM. Includes 23 accessories and steel storage case.

SEE YOUR DEALER OR WRITE FOR DREMEL POWER TOOL CATALOG

## CREATIVE TOOLS FOR ACTIVE HANDS AND MINDS

